

01393890 EAST BRANCH RAHWAY RIVER AT MAPLEWOOD, NJ

RAHWAY RIVER BASIN

LOCATION.--Lat 40°44'05", long 74°16'14" referenced to North American Datum of 1983, Maplewood Township, Essex County, NJ, Hydrologic Unit 02030104, on downstream right wingwall of bridge on Jefferson Avenue in Maplewood, 1,100 ft west of Fielding School, and 2.5 mi upstream of confluence of West Branch Rahway River and East Branch Rahway River.

DRAINAGE AREA.--5.11 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximum, water years 1971, 1998 to current year. Occasional low-flow measurements, water years 2000 to 2006.

REVISED RECORDS.--WDR-US-08: 1971(M), 1998(M), 1999(M), 2000(M).

GAGE.--Water-stage recorder. Datum of gage is 114.60 ft above NGVD of 1929.

REMARKS.--Satellite stage telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,470 ft³/s, Sep 16, 1999, gage height, 10.08 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 1,500 ft³/s, Sep 6 at 1945, gage height, 7.27 ft.

REVISIONS.--The annual peak discharge for water year 1971 has been determined to be 1,520 ft³/s, Aug 28, 1971, gage height, 7.3 ft (from high-water mark). The annual peak discharge for water year 1998 has been determined to be 1,160 ft³/s, Sep 8, 1998, gage height, 6.6 ft (estimated). The annual peak discharge for water year 1999 has been determined to be 3,470 ft³/s, Sep 16, 1999, gage height, 10.1 ft (from high-water mark). The annual peak discharge for water year 2000 has been determined to be 885 ft³/s, May 24, 2000, gage height, 6.0 ft (estimated).

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft ³ /s
May 12, 2008	17.9